

US EPA ARCHIVE DOCUMENT

FLORIDA DRINKING WATER PROGRAM

Van Hoofnagle, Administrator

- MISSION:** Ensure safe drinking water for all residents and visitors in Florida.
- OBJECTIVE:** Implement the federal and state Safe Drinking Water Acts of 1974 and as amended in 1986 and 1996.
- AUTHORITIES:** Chapter 403.851-864, F.S. and Chapters 62-4, 550, 555, 560, and 699, F.A.C.
- DESCRIPTION:** The Drinking Water Program, in conjunction with nine Department of Health's County Offices, oversees the permitting, compliance, and enforcement of water quality standards and other program objectives of the state's 5900 water systems. The primary activities include, permitting of water facilities construction, evaluating water quality tests for compliance with over 80 contaminant standards, facilities inspections, enforcement, utility and public outreach and education, and the provision of technical assistance to the regulated community.

History of the Safe Drinking Water Act

- 1974 Original Act, signed by Gerald Ford
 - Nationalized 50 independent state programs
 - Only a couple dozen contaminants regulated

1986 Amendments

- Emphasized Risk Assessments and directed EPA to set 25 new standards every 3 years
- 42 Chemicals regulated

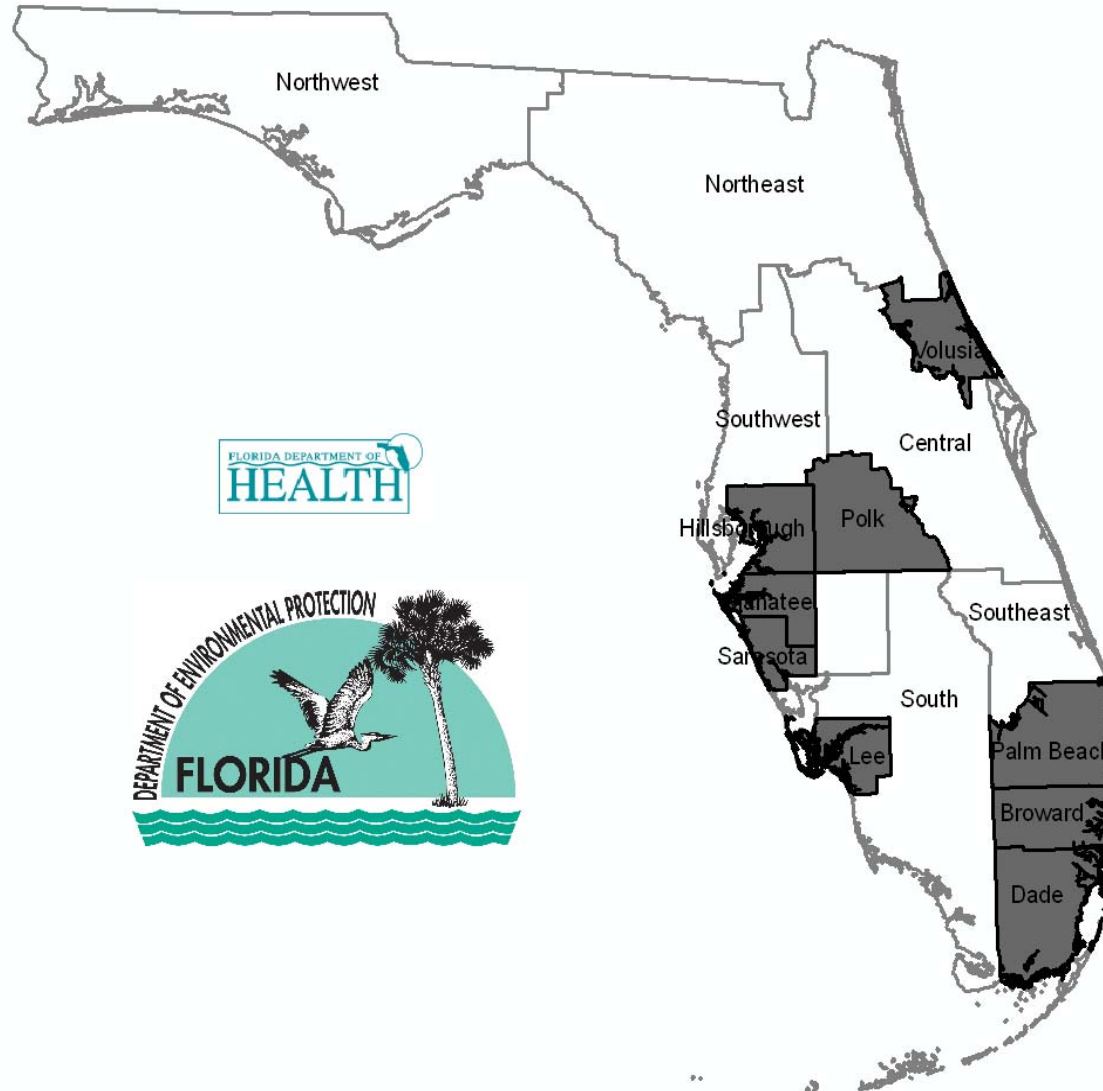
1996 Amendments

- Emphasized Microbiological contaminants, public right-to-know, and holistic approach to protection
- 83 Chemicals regulated

DEFINITION & TYPES OF WATER SYSTEMS

- PWS– 5900: serves 25 daily at least 60 days/yr
 - CWS-1900: year-around residents (9 months), e.g. subdivisions, MHP
 - NTNC-1000: same customers at least 6 mo/year, e.g. daycares, factories, schools
 - TWS-3000: different customers at least 60 days/year, e.g. gas stations, convenience stores

ORGANIZATION



PROGRAM FACTS & FIGURES

- Florida has over 5900 regulated water systems serving 16 million residents.
- Only 24 water systems use surface waters as their source; the rest utilize ground water wells.
- Systems monitor & report on over 80 regulated contaminants.
- DEP evaluates more than 750,000 finished water sample results annually to determine system compliance.
- The state compliance rate exceeds Federal (EPA) goal of 91% of the population served from water systems that had no violations of standards during the calendar year.
- The program offices conduct over 7000 water plant inspections annually.
- DEP issues on average 4000 plant and distribution line construction permits annually.

Primary Functions of the Drinking Water Program

- **Permitting:** 4000 permits/year & 20 % of workload
- **Compliance:** 7000 inspections/year & 30% of workload
- **Enforcement:** Non-compliance and warning letters, Notice of Violation and Consent Orders constitute 10% of workload
- **Rulemaking:** 6 rules undergoing drafting or early implementation at 10% of workload
- **Training:** Includes, utilities, reg. staff, and operators at 5% of workload
- **Data Management:** about .75 M sample results annually at 20 % of workload
- **Budget & Fees:** collect about \$3.5 M annually at 5 % of workload

CURRENT MAJOR ACTIVITIES



- DEP is preparing to adopt and then **implement four new federal rules** governing disinfection byproducts, surface water system design, lead and copper control, and groundwater source monitoring.

- DEP **established new annual operating license fees** and increased existing construction permit fees per the recently enacted *Laws of Florida 2008-150*.



- DEP is **revising rules** on its 30-year old **cross connection control program**. This will ensure greater public health protection within more systems, but reduce the cost of compliance by the system's residential customers.



- DEP's **security initiative enhancements continue** to our water security program, StormTracker, and FLAWARN programs.

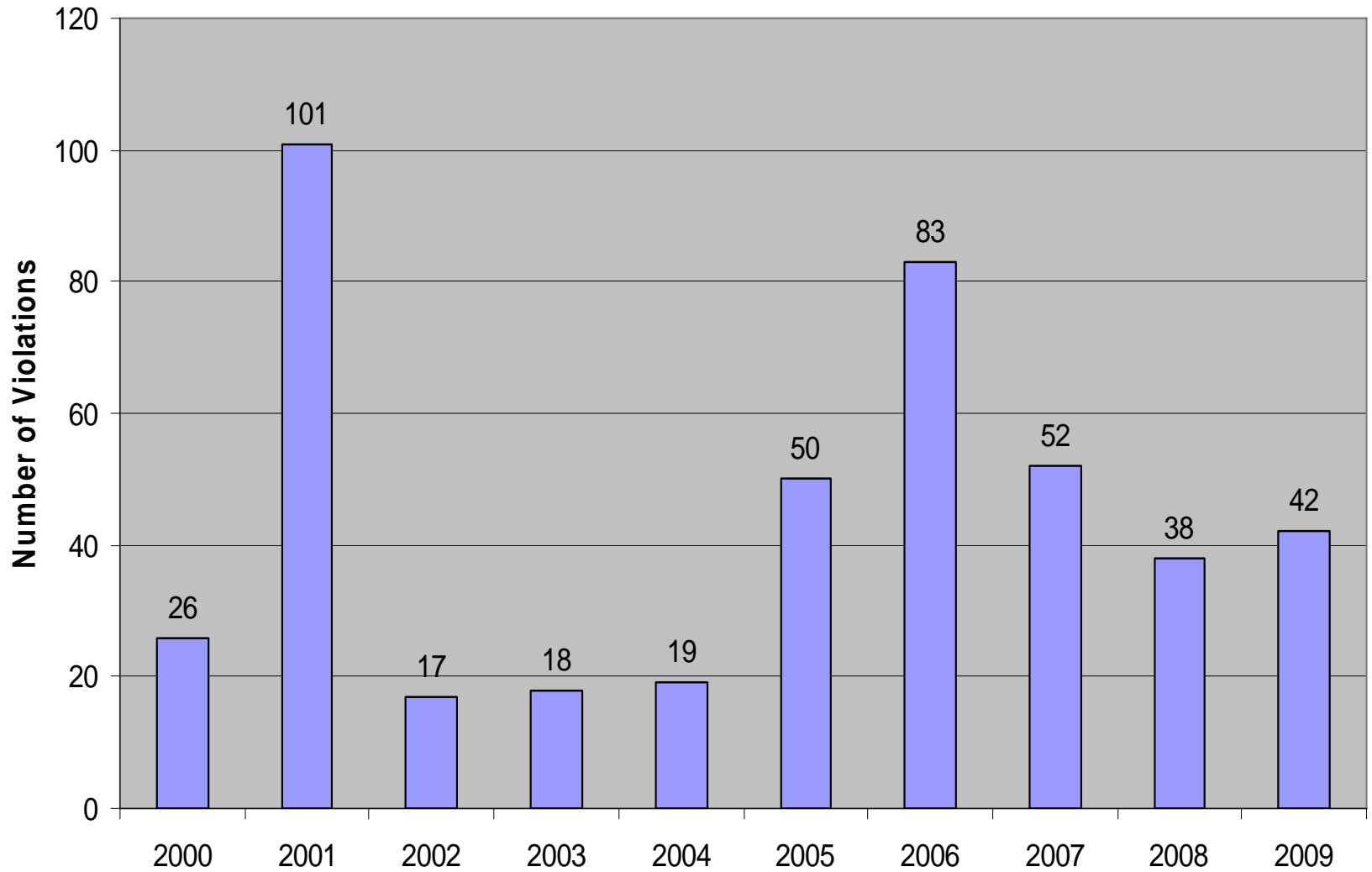


Department of Corrections Primary Issues

1. Violation History
2. Keeping Up with New Rules
3. Operator & Utility Manager Training

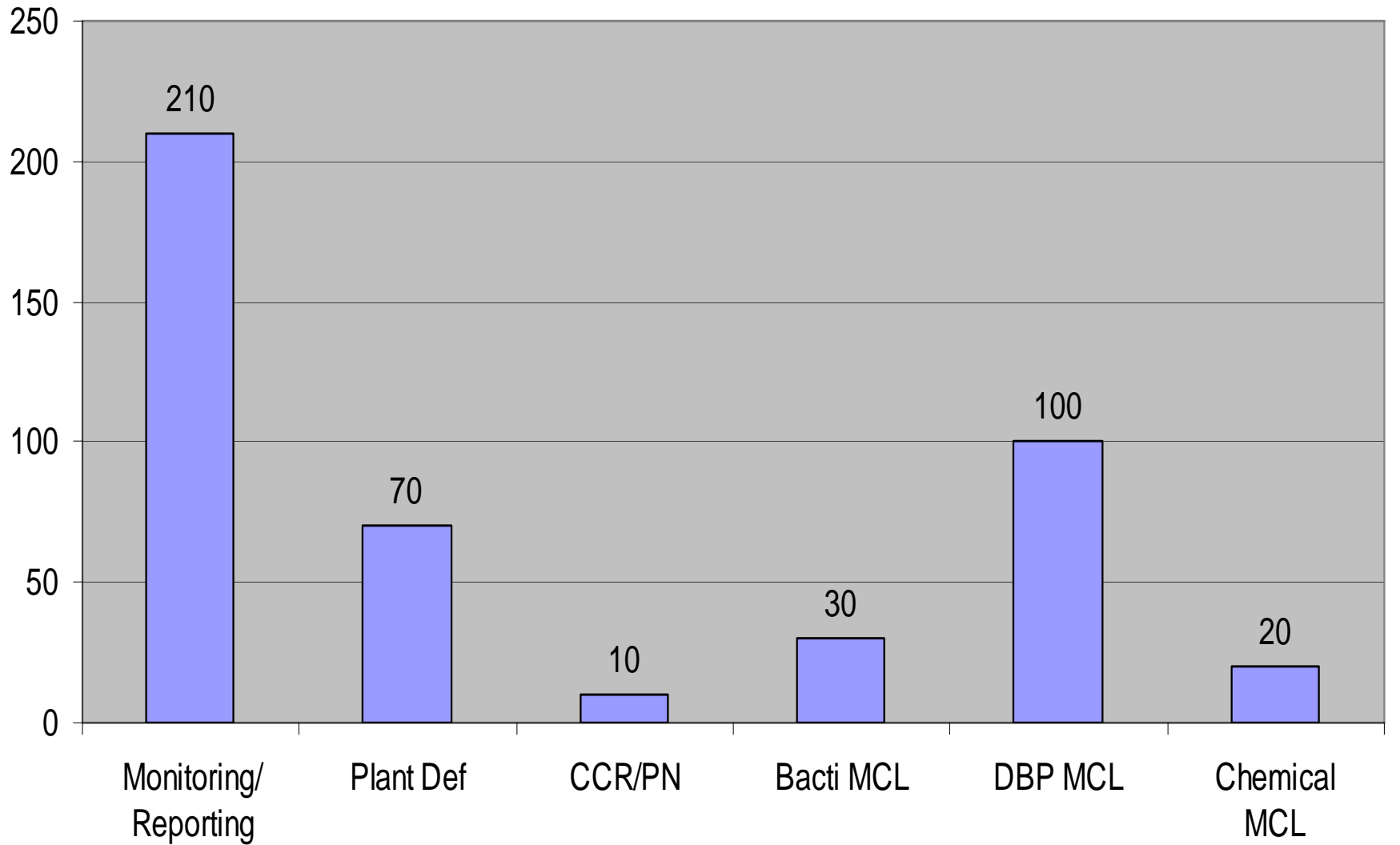


DOC & DJJ Water Systems Violation History (by Year)

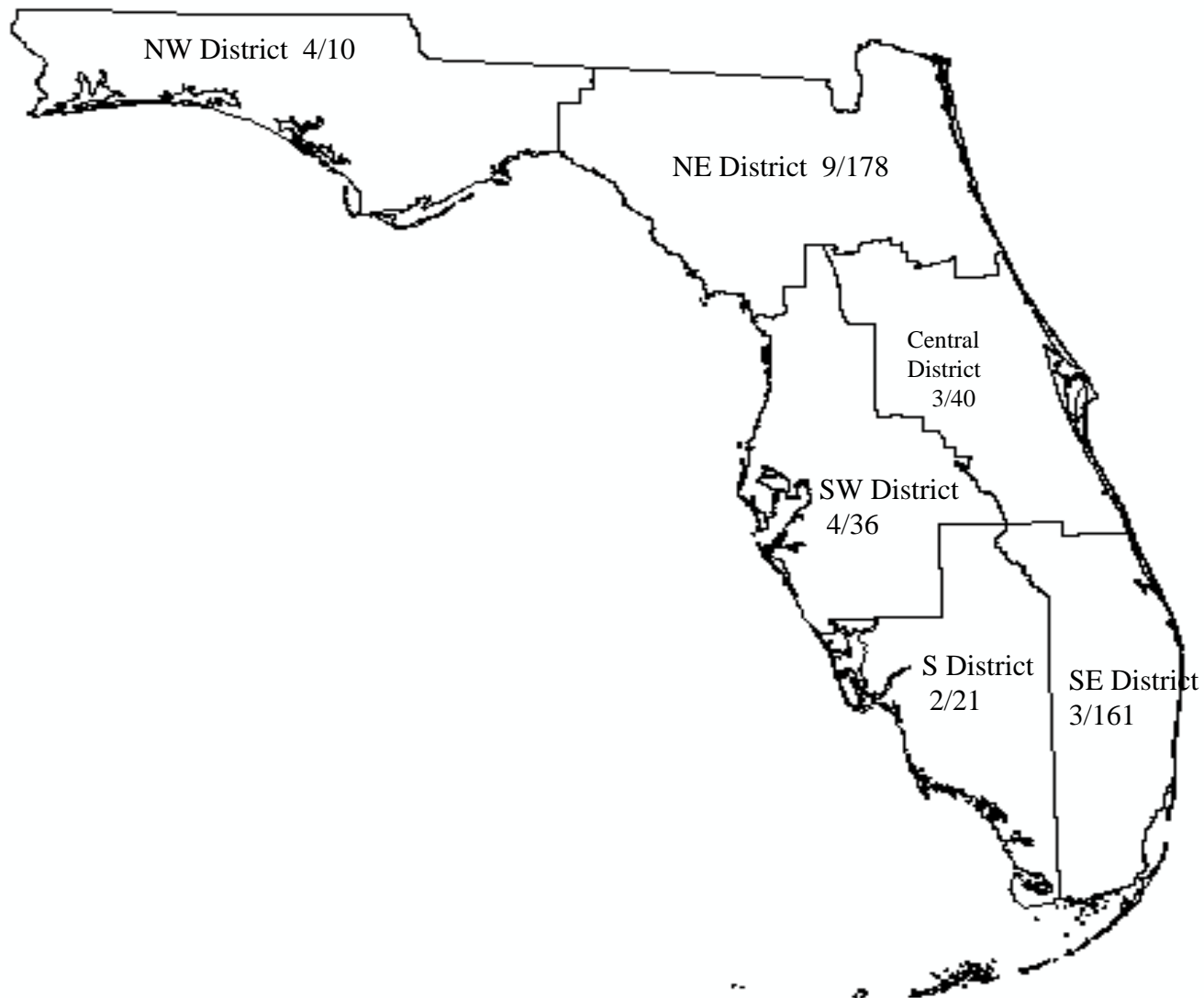


Annual Average 44.6

Violations by Type



VIOLATIONS BY DEP DISTRICT



Top Four Water Systems with Number of Violations

1.Dade Juvenile Residential Fac.	90
2.Martin Correctional Institution	61
3.Mayo Correctional Institution	51
4.Columbia Correct. Institution	36



Thank You and QUESTIONS

